

**REMARKS**

Claims 2-16, 18-24 and 26-31 are pending. Claims 2, 6-9, 16, 18-20, 24 and 26-28 are amended. Claims 1, 17 and 25 are canceled. Applicant respectfully requests reexamination and reconsideration of the pending claims.

Claims 1-31 are rejected under 35 U.S.C. §102(b) as being anticipated by Van De Vanter (USPN 5,805,889). Applicant disagrees and respectfully traverses the rejection as follows.

Independent Claim 2 sets forth, *inter alia*, “storing a plurality of system components under revision control in a master repository, according to internal names” and “storing...a binding between the internal name of each of the plurality of system components and its corresponding external name.” The claim also sets forth, “determining the internal names of affected system components” and “updating affected system components in the revision control system according to the user performed operations.” Applicant could find no teaching or suggestion in Van De Vanter that anticipates the features set forth in Claim 2.

In operation, as the corresponding system component 103, such as “a.txt” is modified, renamed, moved and even deleted (and/or undeleted) by users 115, its external name will change, but the internal name “1” will always be used to denote the component 103 in the revision control system 105 in the master repository 107. Additionally, the directory in which “a.txt” resides can be moved, renamed, etc. and its own internal name of 0 remains constant. When an external name has been changed by a user 115 performing an operation on a component 103, the repository manager 101 updates the appropriate stored binding 111 to reflect the change to the external name during the corresponding update of the revision control system 105.

Once the user 115 has completed making a set of changes, the user commits the change-set to the master repository 107. To do so, the user 115 makes an appropriate indication to the repository manager 101, and in response the repository manager 101 reads the journal 119 and updates the revision control system 105 to reflect the set of changes made by the user 115. The repository manager 101 reads the journal 119 and determines that the specific user 115 added a set of system components 103. Thus, the repository manager 101 obtains an

internal name for each new system component 103, and checks it into the revision control system 105 under its internal name. The revision control system updates the bindings 111 to associate the internal names with their corresponding external names, and stores appropriate attributes 113 concerning the new system, components 103.

Applicant could find no teaching or suggestion of a binding between internal names and external names in accordance with the features of Claim 2. In contrast, Van De Vanter discloses elements of the coordinator 290 shown in FIG. 5, which include a version handler 310 and component handlers 312, 314, 316 and 320, each of which is associated with one of the components of the data repository 294. As shown, “there is one component handler associated with each component in an ‘editing chain’, where an editing chain includes a component being edited (where editing can also mean viewing), the top level component of the version being edited, and all of the components in a direct line between those two components.” (Van De Vanter, col. 9, lns. 26-31)

For example, referring to FIG. 5 in Van De Vanter, if a user were editing version 216 of the package 212, the version 216 would have an associated version handler, such as VH 310. Each version handler 291 coordinates all editing and bookkeeping changes affecting its associated package version 296. A version handler does not do this directly, but through messages sent to and received from a related, hierarchical set of component handlers 292, each of which is associated with one component 297, 298 in a chain of components running from a particular component being edited to the top-level component for that version. (Van De Vanter, col. 7, lns. 65-67 – col. 8, lns. 1-8)

Since Applicant could find no teaching or suggestion in Van De Vanter disclosing the features of Claim 2, Claim 2 is not anticipated by the reference. Accordingly, Applicant respectfully requests allowance of Claim 2.

Claims 16 and 24 set forth a computer program and computer system, respectively, which include features having the same scope as Claim 2. Thus, for reasons stated above with respect to Claim 2, Claims 16 and 24 are also allowable over the cited reference.

Claims 3-15 depend from Claim 2 and are therefore allowable for at least the same reasons as Claim 2. Claims 18-23 depend from Claim 16 and are therefore allowable for at

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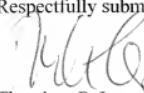
least the same reasons as Claim 16. Claims 26-31 depend from Claim 24 and are therefore allowable for at least the same reasons as Claim 24.

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**CONCLUSION**

For the above reasons, pending Claims 2-16, 18-24 and 26-31 are in condition for allowance and allowance of the application is hereby solicited. If the Examiner has any questions or concerns, a telephone call to the undersigned at 949-955-1920 is welcomed and encouraged.

Respectfully submitted,

  
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